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TITLE : ANTIHUMAN MANNOSE BINDING PROTEIN MONOCLONAL ANTIBODY AND ITS UTILIZATION

ABSTRACT : PURPOSE: To obtain a new antibody useful for determining a mannose-binding protein in blood and its hydrolyzate.

CONSTITUTION: The objective antihuman mannose-binding monoclonal antibody is capable of recognizing the mannose-binding site in a human mannose-binding protein. This antibody is obtained by providing a hybridoma capable of producing an antihuman myelin basic protein (MBP) antibody from a splenic cell prepared from the spleen in a mouse immunized with a purified human MBP and a cell PSU1 of an 8-azaguanine-resistant myeloma and culturing (in vitro proliferation) of the resultant hybridoma.

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